

Converting Colors

Hex(194D28)

Have a look what the booklet for
Hex(194D28) contains.

Hex(194D28)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(194D28)

Conversions

Conversions Part 1

Format	Color
Hex	194D28
RGB	25, 77, 40
RGB Percent	10%, 30%, 16%
CMY	0.9020, 0.6980, 0.8431
CMYK	0.68, 0.00, 0.48, 0.70
HSL	137°, 51%, 20%
HSV	137°, 68%, 30%
XYZ	3.4378, 5.6676, 2.9203
YIQ	57.2340, -19.1150, -22.5310

Conversions

Conversions Part 2

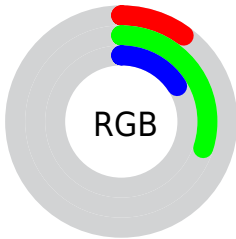
Format	Color
RYB	25, 65, 77
Decimal	1658152
CIELab	28.56, -26.71, 16.96
CIELCh	29, 31.634, 147.585
Yxy	5.6676, 0.2859, 0.4713
Android (android.graphics.Color)	4279848232 (0xFF194D28)
YUV	57.2340, -8.4964, -28.2692
Hunter-Lab	23.8068, -15.8858, 9.3920

Details

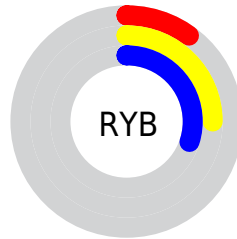
The Hex color **194D28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D193E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4B7F56**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **114D23**, and if you desaturate by 10%, it is **214D2D**.

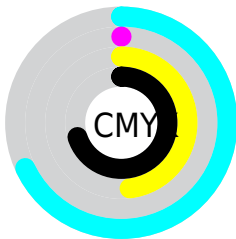
Distribution



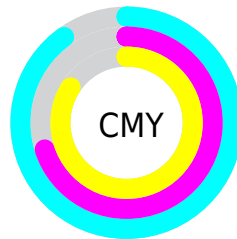
- Red (10%)
- Green (30%)
- Blue (16%)



- Red (10%)
- Yellow (25%)
- Blue (30%)



- Cyan (68%)
- Magenta (0%)
- Yellow (48%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194D28 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 194D28 by changing the saturation by 10% instead.

 194D28

 194D28

FFFFFF

 003613

 4B7F56

 002100

 64996E

 000000

 7EB488

 99CFA2

 B4ECBD

 D0FFD9

 EDFFF5

 194D28

 194D28

■ 114D23

■ 214D2D

■ 0A4D1D

■ 284D33

■ 024D18

■ 304D38

■ 004D16

■ 384D3E

■ 3F4D43

■ 474D49

■ 4F4D4E

■ 574D54

■ 5E4D59

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3A4915



194D28



004F41

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



194D28



004774



6F302E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



194D28



4D193E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6E2D46



194D28



413E6F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194D28



004C6C



5F345E



65381A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194D28



004F51



5F345E



702E36

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



194D28



506355



3E4D19



27332A



B3B3B3



333333

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



194D28



13632A



194D42



222624



00661D



00E642

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4D193E



63134C



4D1924



262225



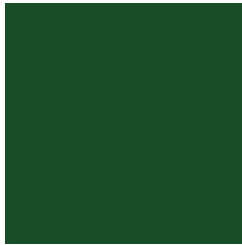
660049



E600A3

Previews

White Background



This preview shows how the Hex color 194D28 looks on a white background.

Color Contrast Check

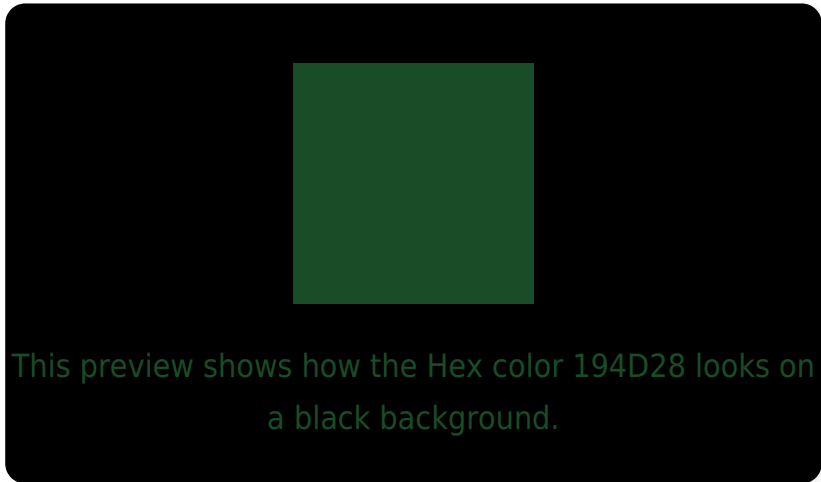
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

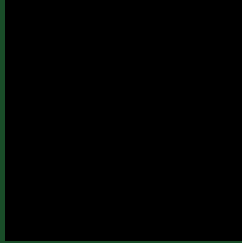
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 194D28 Background



This preview shows how black text looks on a background with the Hex color 194D28.



This preview shows how white text looks on a background with the Hex color 194D28.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

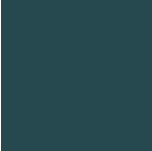
Dichromacy



Original Color
194D28

Protanopia
4A4325

Deuteranopia
51402B



Tritanopia
25494F

Trichromacy



Original Color

194D28

Protanomaly

384726

Deuteranomaly

3D452A

Tritanomaly

214A41

Monochromacy



Original Color

194D28

Achromatopsia

393939

Achromatomaly

2D4033

CSS Examples

Text

The CSS property to change the color of the text to Hex 194D28 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #194D28 looks like.

```
.text, #text, p{  
    color:#194D28  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #194D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194D28
}
```

Border

The CSS property to change the border of an element to Hex 194D28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

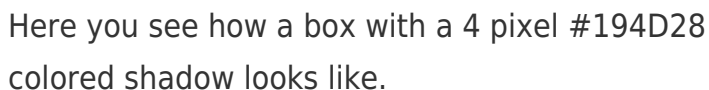
```
.border, #border, table{ border:4px solid
#194D28 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#194D28 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #194D28 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194D28; -webkit-box-shadow:4px 4px  
4px 4px #194D28; box-shadow:4px 4px 4px  
4px #194D28 }
```

Background

The CSS property to change the background color of an element to Hex 194D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194D28 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#194D28 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor